

Appendix B

Table of Concordance and EPR Guidelines

PARSONS POND OIL EXPLORATION & ACCESS ROAD: ENVIRONMENTAL PREVIEW REPORT
Table of Concordance with the EPR Guidelines (dated August 3, 2009)

EPR Guideline Requirement	Where Addressed in this EPR
NAME OF UNDERTAKING:	
The undertaking has been assigned the name "Parsons Pond Oil Exploration & Access Road."	Title page and Section 1.0
PROPONENT:	
Name the proponent and the corporate body, if any, and state the mailing address.	Section 2.0
Name the chief executive officer if a corporate body, and telephone number, fax number and E-mail address (if any).	Section 2.0
Name the principal contact person for purposes of environmental assessment and state the official title, telephone number, fax number and E-mail address (if any).	Section 2.0
DESCRIPTION OF THE UNDERTAKING:	
State the nature of the project.	Section 3.0 (introductory paragraph)
State the purpose/rationale/need for the project. If the proposal is in response to an established need, this should be clearly stated.	Section 3.2
Geographical Location:	
Describe the proposed site, and planned layout of the drilling sites, as well as final location of the access road and any proposed stream crossings.	Sections 3.3, 3.5, 3.6, 4.0 Figures 1.1, 3.1, 3.2
A site plan showing the layout and infrastructure should be drawn to a suitable scale.	Figure 3.5
The appropriate National Topographic Survey edition should be affixed on the maps.	Figure 3.2
Development:	
Explain the time period in which the proposed development will proceed, (if staged, list each stage and its approximate duration) and proposed date of first physical construction-related activity for each stage.	Section 3.4
The details, materials, methods, schedule, and location of all planned construction activities must be presented.	Sections 3.3, 3.4, 3.5 and associated Figures
Operation:	
All aspects of the operation and maintenance of the proposed development should be presented.	Section 3.6
Further detail must be provided on drilling pads and associated activities, including but not limited to construction material, size, capacity, and sloping.	Sections 3.5, 3.6.1
Further detail is required on handling and disposal of drill cuttings.	Sections 3.6.3 and Appendix D
Further detail is required on handling and disposal of contaminated soil.	Sections 3.6.1, 3.6.3
ENVIRONMENT DESCRIPTION:	
The EPR should contain a description of the present biophysical environment and resources that will be affected or that might reasonably be expected to be affected, directly or indirectly, by the proposed undertaking.	Section 4.1
Emphasis in this section should focus on woodland caribou, utilizing data from the provincial Wildlife Division, in particular information on calving, post-calving and migration routes.	Section 4.1.3
There should also be some discussion of potential impacts to the local big-game outfitting industry from the proposed undertaking.	Sections 4.2.2 and 5.2
PROJECT / ENVIRONMENT INTERACTION & ALTERNATIVES:	
Comments are based on the proposed amendment that the southern well just north of Parsons Pond (originally #2) has been omitted from current plans and is not under present consideration for the purposes of these EPR guidelines.	
The proponent should present detailed information regarding <u>alternatives</u> for reaching the proposed work site.	Section 3.7
Discuss road layouts and types such as summer versus winter; continuous corridor versus combination of built road and matting, anticipated width and length, materials and machinery used as well as alternative transportation methods (e.g. aerial, barging)	Sections 3.5, 3.6.2, 3.7

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to access the work site.	
Proponent should list a detailed cost-benefit analysis for each variation. If only one alternative is viable or possible, a statement should be made to this effect with supporting argument.	Section 3.7
Consider sensitive lifecycle stages for fish and wildlife when planning the construction phase to eliminate or reduce disturbance to all wildlife species, particularly caribou.	Sections 3.4, 4.1.3, 4.1.5, 5.1, 9.0
Provide details on <u>expected traffic volumes</u> (land, boat or air) during the construction and operation phases (maintenance requirements) for the exploratory well.	Sections 3.5, 3.6.2
Present <u>solutions to control, restrict and avoid access</u> by public if road building becomes an accepted method (e.g. gating, guards, decommission).	Sections 3.6.2, 5.1, 5.2, 6.0
The proponent should <u>describe scenarios for future potential of site development</u> and associated requirements, if well is found to be economically viable. It is understood that future potential is pending on the outcome of proposed drilling plans as outlined in the registration document. Hence, the focus should be describing the next steps such as additional seismic surveys, further well drillings, additional road network etc.	Sections 3.2, 6.0
Photos, as a visual example, showing similar developments in similar ecosystems within Canada (pre-environment, construction phase of exploratory wells, operating wells, and abandoned sites) would be of great benefit.	Figures 3.3, 3.4 and Maps. (Photo of abandoned well site for similar project is not readily available + Outcome will depend on whether and how site is decommissioned (see Section 6.0)
A <u>monitoring/ reporting plan</u> must be developed for the event of wildlife encounters in order to minimize the impact. This plan will be developed in discussion with the Wildlife Division.	Section 5.1.1
REHABILITATION & DE-COMMISSIONING:	
Discuss potential methods of de-commissioning and <u>habitat rehabilitation</u> to restore environment to pre-construction standards (e.g. eliminate linear structures on landscape if this becomes the construction method, eliminate entire footprint of development).	Section 6.0
Consider sensitive time windows for fish and wildlife.	Section 6.0
For example, a rehabilitation plan "A" might focus on time between finish drilling exploratory well and final decision making on its economic feasibility, hence further action such as additional surveys or abandonment, including post-abandonment monitoring. A second rehabilitation plan "B" might focus on the scenario of abandonment, where the entire footprint is eliminated from the landscape.	Section 6.0
The proponent should <u>describe scenarios for future potential of site development</u> and associated requirements, if wells are found to be economically viable. It is understood that future potential is pending on the outcome of proposed drilling plans as outlined in the registration document. Hence, the focus should be describing the next steps such as additional seismic surveys, further well drillings, additional road network etc.	Sections 3.2, 6.0
OCCUPATIONS:	
Provide an enumeration and breakdown of occupations anticipated for the construction and operation phases, with emphasis on local socio-economic impacts.	Section 7.0, Table 7.1
PROJECT- RELATED DOCUMENTS:	
Provide a bibliography of all project-related documents already generated by or for the proponent (e.g., wildlife reports, feasibility studies, or engineering reports).	Section 8.0

Honourable Charlene Johnson
Minister

August 3, 2009

GUIDELINES

for

Environmental Preview Report

PARSONS POND OIL EXPLORATION & ACCESS ROAD

ENVIRONMENTAL PREVIEW REPORT GUIDELINES

The following guidelines are intended to assist the proponent, Leprechaun Resources Ltd., with the preparation of the Environmental Preview Report (EPR) for the proposed Parsons Pond Oil Exploration and Access Road. The EPR is a report that presents the results of an investigation based on readily available information that supplements the information already provided by the proponent upon registration of the undertaking. The purpose of the information in the EPR is to assist the Minister of Environment and Conservation in making a determination as to whether an Environmental Impact Statement (EIS) will be required for the proposed undertaking. The EPR is expected to be as concise as possible while presenting the comprehensive information necessary to make an informed decision.

The EPR should include and update the information provided in the original registration and focus on the information gaps identified during the government and public review of the registration. The EPR should address the information gaps in sufficient detail to enable the Minister of Environment and Conservation to make an informed decision as to the potential for significant environmental effect from the undertaking.

The contents of the EPR should be organized according to the following format:

1. NAME OF UNDERTAKING:

The undertaking has been assigned the name "Parsons Pond Oil Exploration & Access Road."

2. PROPONENT:

Name the proponent and the corporate body, if any, and state the mailing address.

Name the chief executive officer if a corporate body, and telephone number, fax number and E-mail address (if any).

Name the principal contact person for purposes of environmental assessment and state the official title, telephone number, fax number and E-mail address (if any).

3. DESCRIPTION OF THE UNDERTAKING:

State the nature of the project.

State the purpose/rationale/need for the project. If the proposal is in response to an established need, this should be clearly stated.

3.1 Geographical Location:

Describe the proposed site, and planned layout of the drilling sites, as well as final location of the access road and any proposed stream crossings. A site plan showing the layout and infrastructure should be drawn to a suitable scale. The appropriate National Topographic Survey edition should be affixed on the maps.

3.2 Development:

Explain the time period in which the proposed development will proceed, (if staged, list each stage and its approximate duration) and proposed date of first physical construction-related activity for each stage.

The details, materials, methods, schedule, and location of all planned construction activities must be presented.

3.3 Operation:

- All aspects of the operation and maintenance of the proposed development should be presented.
- Further detail must be provided on drilling pads and associated activities, including but not limited to construction material, size, capacity, and sloping.
- Further detail is required on handling and disposal of drill cuttings.
- Further detail is required on handling and disposal of contaminated soil.

4. ENVIRONMENT DESCRIPTION:

The EPR should contain a description of the present biophysical environment and resources that will be affected or that might reasonably be expected to be affected, directly or indirectly, by the proposed undertaking. Emphasis in this section should focus on woodland caribou, utilizing data from the provincial Wildlife Division, in particular information on calving, post-calving and migration routes. There should also be some discussion of potential impacts to the local big-game outfitting industry from the proposed undertaking.

5. PROJECT / ENVIRONMENT INTERACTION & ALTERNATIVES:

Comments are based on the proposed amendment that the southern well just north of Parsons Pond (originally #2) has been omitted from current plans and is not under present consideration for the purposes of these EPR guidelines.

The proponent should present detailed information regarding alternatives for reaching the proposed work site. Discuss road layouts and types such as summer versus winter; continuous corridor versus combination of built road and matting, anticipated width and length, materials and machinery used as well as alternative transportation methods (e.g. aerial, barging) to access the work site. Proponent should list a detailed cost-benefit analysis for each variation. If only one alternative is viable or possible, a statement should be made to this effect with supporting argument. Consider sensitive lifecycle stages for fish and wildlife when planning the construction phase to eliminate or reduce disturbance to all wildlife species, particularly caribou.

Provide details on expected traffic volumes (land, boat or air) during the construction and operation phases (maintenance requirements) for the exploratory well. Present solutions to control, restrict and avoid access by public if road building becomes an accepted method (e.g. gating, guards, decommission).

The proponent should describe scenarios for future potential of site development and associated requirements, if well is found to be economically viable. It is understood that future potential is pending on the outcome of proposed drilling plans as outlined in the registration document. Hence, the focus should be describing the next steps such as additional seismic surveys, further well drillings, additional road network etc.

Photos, as a visual example, showing similar developments in similar ecosystems within Canada (pre-environment, construction phase of exploratory wells, operating wells, and abandoned sites) would be of great benefit.

A monitoring/ reporting plan must be developed for the event of wildlife encounters in order to minimize the impact. This plan will be developed in discussion with the Wildlife Division.

6. REHABILITATION & DE-COMMISSIONING:

Discuss potential methods of de-commissioning and habitat rehabilitation to restore environment to pre-construction standards (e.g. eliminate linear structures on landscape if this becomes the construction method, eliminate entire footprint of development).

Consider sensitive time windows for fish and wildlife. For example, a rehabilitation plan “A” might focus on time between finish drilling exploratory well and final decision making on its economic feasibility, hence further action such as additional surveys or abandonment, including post-abandonment monitoring. A second rehabilitation plan “B” might focus on the scenario of abandonment, where the entire footprint is eliminated from the landscape.

The proponent should describe scenarios for future potential of site development and associated requirements, if wells are found to be economically viable. It is understood that future potential is pending on the outcome of proposed drilling plans as outlined in the registration document. Hence, the focus should be describing the next steps such as additional seismic surveys, further well drillings, additional road network etc.

7. OCCUPATIONS:

Provide an enumeration and breakdown of occupations anticipated for the construction and operation phases, with emphasis on local socio-economic impacts.

8. PROJECT- RELATED DOCUMENTS:

Provide a bibliography of all project-related documents already generated by or for the proponent (e.g., wildlife reports, feasibility studies, or engineering reports).

The required 12 copies of the EPR, and an electronic version for posting to the Environmental Assessment website, should be sent together with a covering letter to:

Minister
Environment and Conservation
P.O. Box 8700
St. John's, NF
A1B 4J6