

WATER ACT APPLICATION

INTRODUCTION

KNOG is applying for a *Water Act* licence to divert water for operation of the Project.

The Project will require surface water runoff due to rain water and snowfall within the CPF to be diverted to steam production water, and is applying for the following:

- Long-term diversion of 29 000 m³/y for the Project from the storm water pond.

FORM

Documents or information provided to Alberta Environment pursuant to section 15(1)(a) of the *Water (Ministerial) Regulation* are public records and are accessible by the public.

Check one or more of the following to indicate type of application:

Diversion of water Renewal of a licence Constructing Works

APPLICANT:

| | | | |
|---|--|--------------------------------|--|
| Print Name and Company Name (if applicable): Korea National Oil Corporation | | Home Telephone: | Bus. Telephone: (403) 718-7097 |
| Address (Street, PO Box, etc.): 2100, 330 – 5th Ave SW | Place, Province: Calgary, AB | Postal Code: T2P 0L4 | Fax: (403) 265-3490 |

Are you the registered landowner? Yes No If no, please attach a copy of the consent from the landowner.

CONSULTANT, SIGNING AUTHORITY, OR APPLICANT'S REPRESENTATIVE (IF APPLICABLE):

| | | | |
|---|--|--------------------------------|--|
| Print Name and Company Name (if applicable): Korea National Oil Corporation Tawry Kazi-Tani, P.Eng. | | Home Telephone: | Bus. Telephone: (403) 718-7097 |
| Address (Street, PO Box, etc.): 2100, 330 – 5th Ave SW | Place, Province: Calgary, AB | Postal Code: T2P 0L4 | Fax: (403) 265-3490 |

CONTACT PERSON IF NOT SHOWN ABOVE:

| | | |
|-------------|------------|------|
| Print Name: | Telephone: | Fax: |
|-------------|------------|------|

Project Description:

Tentative Starting Date: 2012 Duration of Construction/Development: 2 year
(if applicable)

Duration of Water Diversion/Use: 25+years

Provide a detailed description including location of works and activities relating to the project and attach plans:

Details are explained in Volume 1, Section 2, Figure 2.3-5.



AFFECTED WATER SOURCES (LOCATION OF WORKS AND ACTIVITIES):

SURFACE WATER (IF ONLY CONSTRUCTING WORKS, COMPLETE THE FIRST TWO COLUMNS):

| Source (e.g. lake, stream, or name of source, if known) | Diversion/Activity Location | | | | | Annual Quantity (cubic metres) | Rate of Diversion (show units) | Is Construction or Development Required? (Yes or No) | Purpose |
|---|-----------------------------|-----|-----|-----|---|--------------------------------|--------------------------------|--|---------|
| | ¼ | sec | tpw | rge | m | | | | |
| 1. Storm water pond | SW | 14 | 76 | 7 | 4 | 29,000 | | | |
| 2. | | | | | | | | | |
| 3. | | | | | | | | | |

GROUNDWATER:

| Date Well Drilled | Well (proposed) Locations | | | | | Total Depth (metres) | Production Interval (metres) | Pumping Rate (show units) | Annual Quantity (cubic metres) | Purpose |
|-------------------|---------------------------|-----|-----|-----|---|----------------------|------------------------------|---------------------------|--------------------------------|---------|
| | ¼ | sec | tpw | rge | m | | | | | |
| 1. | | | | | | | | | | |
| 2. | | | | | | | | | | |
| 3. | | | | | | | | | | |

Please attach a separate sheet if you wish to provide more information.

Statement of Confirmation:

The information given on this form is true to the best of my knowledge.

| | | | |
|----------------------------------|---------------|--------------------------------------|--|
| 31 March 2010 Date of Signing | Signature | Tawry Kazi-Tani P.Eng. Print Name | Korea National Oil Corporation Company Name (if applicable) |
|----------------------------------|---------------|--------------------------------------|--|

Return the completed form to an Alberta Environment Regional office nearest you:

| | | | | | |
|---|--|--|--|---|---|
| Northern Region, Peace River Bag 900-5 Provincial Building 9621 - 96 Avenue Peace River, AB T8S 1T4 Telephone (780) 624-6167 Fax: (780) 624-6335 | Northern Region, Edmonton Twin Atria 111, 4999 - 98 Avenue Edmonton, AB T6B 2X3 Telephone: (780) 427-5296 Fax: (780) 427-7824 | Spruce Grove 250 Diamond Avenue Spruce Grove, AB T7X 4C7 Telephone: (780) 960-8600 Fax: (780) 960-8605 | Central Region, Red Deer 304, Provincial Building 4920 - 51 Street Red Deer, AB T4N 6K8 Telephone: (403) 340-7052 Fax: (403) 340-5022 | Southern Region, Calgary 2938 - 11 Street, NE Calgary, AB T2E 7L7 Telephone: (403) 297-6582 Fax: (403) 297-2749 | 2 nd Floor, Provincial Building 200 - 5 Avenue, South Lethbridge, AB T1J 4L1 Telephone: (403) 382-4254 Fax: (403) 381-5337 |
|---|--|--|--|---|---|

(call the Regional office for the location of area offices)

OFFICE USE:

| | | |
|---------------------|------------------------------|----------------------------------|
| File Number: | Fee Receipt Number: | Application ID: Operation ID: |
| Notice Information: | Application Completion Date: | Priority Number: |