

Schedule III  
(Subsection 6(1))

APPLICATION FOR LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE

APPLICATION/LICENCE NO:
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<p>1. Name and Mailing Address of Applicant</p> <p>John Duckett, Senior Engineer and Project Manager AEC West Ltd. 3700 - 707 8<sup>th</sup> Ave. SW Calgary, AB T2P 1H5 Telephone: (403) 261-2569 Fax: (403) 716-2569</p>	<p>2. Address of Head office in Canada if incorporated</p> <p>As at left</p> <p>Telephone: Fax:</p>
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3. Location of Undertaking (describe and attach a map, indicating watercourses and location of any proposed waste deposits)

The proposed Kamik 2D seismic program is on the Tuktoyaktuk Peninsula, approximately 25 km southwest from Tuktoyaktuk in the Inuvialuit Settlement Region, NWT. Please see the attached project description for additional information and a detailed map.

Latitude 68°58'N - 69°16'N Longitude 133°20'W - 134°10'W

4. Description of Undertaking (describe and attach plans)

AEC are proposing to conduct a 2D seismic program during the winter of 2002. The proposed program includes five seismic lines for a total line length of approximately 133.2 km. The program will be supported by a mobile sleigh camp to house the approximately 81 personnel.

5. Type of Undertaking

1. Industrial	<u>X</u>	4. Power	<u>      </u>	6. Conservation	<u>      </u>
2. Mining and milling	<u>      </u>	5. Agriculture	<u>      </u>	7. Recreation	<u>      </u>
3. Municipal	<u>      </u>				

8. Miscellaneous (describe)       

6. Water Use

To obtain water	<u>X</u>	Flood Control	<u>      </u>
To cross a watercourse	<u>      </u>	To divert water	<u>      </u>
To modify the bed or bank of a watercourse	<u>      </u>	To alter the flow of, or store, water	<u>      </u>
Other (describe)	<u>      </u>		

7. Quantity of Water Involved (litres per second, litres per day or cubic metres per year, including both quantity to be used and quality to be returned to source)

Total water withdrawal rates are expected to be 80 m<sup>3</sup> per day over the course of the project. Water will be extracted at a point where a seismic line or access road intersects with the river, and intake hoses will be screened in accordance with the *DFO Freshwater Intake End-of-Pipe Fish Screen Guideline*.

Water required for ice access, building snow ramps and possibly for a supplementary camp source will be obtained from large lakes in the vicinity of the program area. No water will be taken from a land-locked waterbody where drawdown and related fisheries concerns may be an issue.

SCHEDULE III – *Concluded*APPLICATION FOR LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE - *Concluded*

## 8. Waste Deposited (quantity, quality, treatment and disposal)

**Garbage:**

Solid refuse will be incinerated and non-combustible material will be hauled out and disposed of at the Inuvik landfill. Veri-Illuq will track all waste produced during operations as part of regular safety reporting procedures.

**Sewage (Sanitary & Grey Water):**

The sleigh camp is equipped with electric toilets that eliminate sewage waste through incineration. The resulting ash is inert and will be disposed of in the Inuvik landfill. Grey water that includes only shower water, wash water and kitchen water will be filtered and discharged to the surface, with any sludge hauled away for proper disposal at an approved landfill site.

## 9. Other Persons or Properties Affected By This Undertaking (give name, mailing address and location; attach list if necessary)

Consultations were conducted in the surrounding communities and the local Hunters and Trappers Committees have been contacted regarding the project. Please refer to attached project description for additional information.

## 10. Predicted Environmental Impacts of Undertaking and Proposed Mitigation

Please refer to Section 12.0 of the attached project Description.

## 11. Contractor and Sub-Contractors (names, addresses and functions)

Veri-Illuq Geophysical Ltd. (Seismic Contractor)  
P.O. Box 2422  
Inuvik, NT X0E 0T0

## 12. Studies Undertaken to Date (attach list if necessary)

IEG (formerly Inuvialuit Environmental Inc. or IEI) prepared previous environmental assessments in the proposed AEC Kamik 2D seismic program area for the Explor Data Ltd. Mackenzie River Delta Winter 2001 Regional Seismic Acquisition Program and the AEC West Ltd. Mackenzie Delta Winter 2000/2001 Seismic Program. IEG has also prepared assessments for the Mackenzie River Delta Heritage and Biophysical Resource Surveys, which included survey work within the boundaries of the proposed AEC program area. The project descriptions are on file with the Environmental Impact Screening Committee and the National Energy Board. A number of assessments for proposed developments within the vicinity of the project area are currently underway.

## 13. Proposed Time Schedule

**Project Activity  
Estimated Time Frame**

## Planning

September – December 2001

## Pre-Survey and Access Construction

December 2001

## Set up Mobile Camp at Camp Location

December 2001

## Drilling and Charge Placement at Select Locations

January/February 2002

## Recording

January-April 2002

## Final Clean-up

April; July – August 2002

\* Time lines given in the above table are approximate and subject to change depending upon variables such as weather or ice thickness on proposed routes of travel.

Start date December, 2001

Completion date August 2002

John Duckett  
NAME

Project Manager  
TITLE

John Duckett 2001-0ct-31  
SIGNATURE DATE

FOR OFFICE USE ONLY

APPLICATION FEE	Amount: \$ <u>30.00</u>	Receipt No.: _____
WATER USE DEPOSIT	Amount: \$ <u>30.00</u>	Receipt No.: _____