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File-	1760

Our File: 5201-02
Via Courier

March 25, 2002

Northwest Territories Water Board
P.O. Box 1500
2nd Floor Goga Cho Building
Yellowknife, NWT
X1A 2R3

Attention: Mr. Gordon Wray
Chairman, Northwest Territories Water Board

Dear Mr. Wray:

**Re: Annual NWT Water Board Report
Water Licence N7L1-1760**

Please find an annual report enclosed detailing the quantities of water obtained and discharged under water licence N7L1-1760. Also attached please find a map showing water source and discharge locations. There were no spills or unauthorized discharges, as noted in the report. The report is being filed to fulfill Condition (1), under Part B: General Conditions of the licence.

Inuvialuit Environmental & Geotechnical Inc. prepared the report on behalf of AEC West Ltd. If you have any questions or comments, please do not hesitate to contact me at the above noted address, by phone at 403.219.4790, by e-mail at deena.clayton@ieg.ca or via fax at 403.291.1150.

Sincerely,

INUVIALUIT ENVIRONMENTAL & GEOTECHNICAL INC.

Deena Clayton
Project Manager

AEC West Ltd. Annual NWT Water Board Report

The information in this report is as required by PART B: 1 of the AEC West Ltd. Water License (N7L1-1760) for the AEC West Ltd. Mackenzie Delta 2D Seismic Program. Activities commenced on February 3, 2001 and were completed by April 14, 2001. Refer to Figure 1 for a map of the locations of fresh water uptake and grey water discharge.

1. a) Total Quantities of Fresh Water Obtained From Each Source

Date	Water Source	Lat.	Long	Water Volume (m ³)
02/03/01 - 02/16/01, 02/20/01 - 02/21/01	Mackenzie River	69-06-04	134-24-02	162
02/17/01 - 02/19/01	Unnamed Lake (1)	68-56-50	134-10-00	27
02/22/01 - 03/01/01	Snow Melter*	68-53-55	134-05-28	16
03/02/01 - 03/09/01	Unnamed Lake (2)	68-53-21	134-11-35	72
03/10/01 - 03/15/01	Unnamed Lake (3)	69-00-30	133-51-30	54
03/16/01 - 03/21/01	Unnamed Lake (4)	69-06-45	133-58-10	54
03/22/01 - 04/04/01	Unnamed Lake (5)	69-12-00	133-45-00	162
04/05/01 - 04/14/01	Unnamed Lake (6)	69-04-40	134-01-40	135
Total Volume (m³)				682

*Note: Water was obtained using a snow melter.

1. b) Total Quantities of Each and All Waste Discharged

The following table refers to grey water (shower water, wash water and kitchen water) discharges. Grey water was discharged to snow-bermed areas, which were broken up and spread over the land before the camp was moved.

Date	Description	Lat.	Long	Water Volume (m ³)
02/03/01 - 02/09/01	Camp #1	69-05-17	134-21-47	63
02/10/01	Camp #2	69-01-59	134-17-54	9
02/11/01 - 02/16/01	Camp #3	68-58-08	134-15-24	54
02/17/01 - 02/19/01	Camp #4	68-56-04	134-04-05	27
02/20/01 - 03/01/01	Camp #5	68-53-55	134-05-28	34
03/02/01 - 03/07/01	Camp #6	68-51-59	134-09-50	54
03/08/01 - 03/09/01	Camp #7	68-55-38	134-01-37	18
03/10/01 - 03/15/01	Camp #8	69-00-00	133-51-00	54
03/16/01 - 03/21/01	Camp #9	69-07-18	133-56-00	54
03/22/01 - 04/04/01	Camp #10	69-11-27	133-43-48	126
04/05/01 - 04/14/01	Camp #11	69-05-20	134-03-33	90
Total Volume (m³)				583

No other waste was discharged. Sewage waste was incinerated and the inert material was transported to Inuvik for disposal at the landfill site. All other solid wastes generated by the camps were also hauled to the Inuvik landfill. Withdrawn water was used for utility water in the camps and for use in camp construction and maintenance (i.e. for building berms, roads, etc.). Total water withdrawal volumes are therefore higher than the total volumes of grey water discharged from the camps.

1. c) A List of Any Spills and Unauthorized Discharges

No spills or unauthorized discharges occurred.

1. d) Any Other Details On Water Use Or Waste Disposal Requested By The Board Within 45 Days Before The Annual Report Is Due.

No additional requests were received.