

Brian Ellis,

Winnipeg Condo Corporation No. 323

Gilwell Estates

EXHIBIT NUMBER: W/6-007
File Name: LWF.
Date: MAR 11, 2015
Received by: [Signature]
(Commission Secretary)

PRESENTATION TO THE CLEAN ENVIRONMENT COMMISSION

RE: Manitoba Hydro Licensing

Speaking Notes

March 11, 2015

Convention Centre

Winnipeg, Manitoba

BACKGROUND – GILWELL ESTATES -

- 1) Bare Land Condo Association - approximately 5 km north of Gimli
 - a. 29 units in total, 16 on lakefront.
 - b. Mix of full year residents, seasonal residents, land purchased for future use.
 - c. Fully supportive of the efforts of others to ensure that their interests are also met in this process.
 - d. Primary concern is shoreline erosion – see aerial view
 - i. 4.31 ft/year since 1876
 - ii. 10-20 years, homes on the shoreline will be lost at that rate.

RECOMMENDATION -

- 1) That the licensing request made by Manitoba Hydro not be granted in its current form.
- 2) That a temporary license be granted subject to the following:
 - a. Operation of maximum water output being required as 714 feet rather than 715 or any other level below 714 feet that is sufficient to ensure an adequate supply of water for hydro generation purposes.
 - b. Creation of alternative upstream storage capacity as recommended by the International Institute for Sustainable Development in its submission to this same Commission.
 - c. Creation of methods for Manitoba Hydro to regulate flow into Lake Winnipeg in addition to regulating outflow as a method to stabilize supply and reduce lake levels as recommended by the International Institute for Sustainable Development.
 - d. Creation of a basin wide governance model to include all stake holders that would ensure hydro generation with no harm to recreation, property, or way of life as recommended by the International Institute for Sustainable Development.
 - e. Completion of the recommendations of the study flowing from the August 21, 1974 Joint Study Agreement, including but not restricted to #3 (compensation for damages) and 20 – 24 regarding Lake Winnipeg.

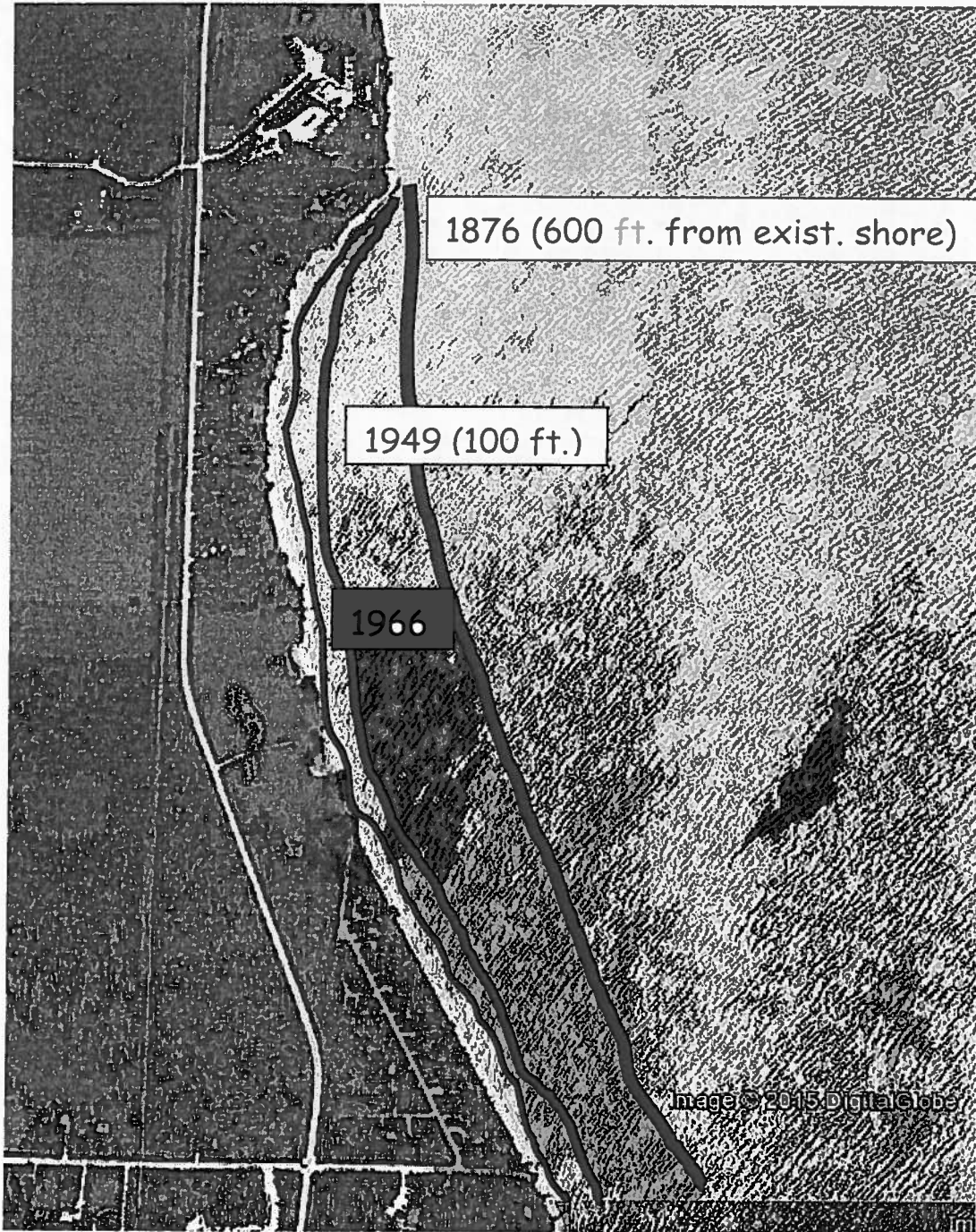
RATIONALE -

- 1) The Canada Manitoba Study completed in 1974 confirmed that regulating the lake level would increase erosion in a range of 20% over 5-40 years as a lower limit, and 100% over a period of 20-200 years. It also confirmed that this "increased rate of lakeshore erosion could be eliminated by altering the pattern of regulation to achieve a long-term mean lake level of 713.35 feet which is equivalent to the average level without regulation." (pg 32).
- 2) This same report predicted that lake level regulation would reduce the risks of flood threat and dyke failure, but would increase erosion of dykes. (pg 33).
- 3) The International Institute for Sustainable Development reports that Lake Winnipeg's relatively small storage capacity results in a situation where the 715 foot level is frequently exceeded.
- 4) The IISD also reports that experts predict increases in flooding due to climate change.
- 5) From late May, 2014 to early November, the lake level was above 715 feet most of the time. High winds from the north east cause increased erosion in the fall months along the west shore of the south basin (see graph).
- 6) Shoreline erosion reduces property values and disrupts lifestyles for those who live on Lake Winnipeg. The 1974 study recommended that Manitoba Hydro provide compensation in such cases as to do otherwise "would transfer costs to a specific group of Manitobans." (pg 56).

DISCUSSION -

- 1) Recognize the importance of hydro generation to the well being of all Manitobans and to Manitoba's economy.
- 2) Not opposed to regulating the lake to aid in this endeavour
- 3) Recognize that there are other groups who have been disadvantaged far greater than what we are bringing forward.
- 4) Believe that "Large Basin Management" is an evolving field, and needs to be fully implemented before full licensing provided to Manitoba Hydro – no incentive for them to participate otherwise.

THANK YOU FOR YOUR TIME, AND WHATEVER CONSIDERATION THIS SUBMISSION GARNERS.



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| <input type="checkbox"/> | Station Name | Province | Station Number | Data Available (Past 6 hours) | Operation Schedule |
|-------------------------------------|--|----------|----------------|-------------------------------|--------------------|
| <input type="checkbox"/> | LA SALLE RIVER NEAR ELIE | MB | 05OG008 | Yes | Seasonal |
| <input type="checkbox"/> | LA SALLE RIVER NEAR SANFORD | MB | 05OG001 | Yes | Continuous |
| <input type="checkbox"/> | LAKE MANITOBA AT STEEP ROCK | MB | 05LK002 | Yes | Continuous |
| <input type="checkbox"/> | LAKE MANITOBA NEAR WESTBOURNE | MB | 05LL012 | Yes | Continuous |
| <input type="checkbox"/> | LAKE OF THE PRAIRIES NEAR SHELLMOUTH | MB | 05MD009 | Yes | Continuous |
| <input type="checkbox"/> | LAKE ST. MARTIN NEAR HILBRE | MB | 05LM005 | Yes | Continuous |
| <input type="checkbox"/> | LAKE WAHTOPANAH NEAR RIVERS | MB | 05MF020 | Yes | Continuous |
| <input type="checkbox"/> | LAKE WINNIPEG AT BERENS RIVER | MB | 05RD005 | Yes | Continuous |
| <input type="checkbox"/> | LAKE WINNIPEG AT GEORGE ISLAND | MB | 05RE003 | Yes | Continuous |
| <input checked="" type="checkbox"/> | LAKE WINNIPEG AT GIMLI | MB | 05SB006 | No | Continuous |
| <input type="checkbox"/> | LAKE WINNIPEG AT MATHESON ISLAND LANDING | MB | 05SD002 | No | Continuous |
| <input type="checkbox"/> | LAKE WINNIPEG AT MISSION POINT | MB | 05SG001 | No | Continuous |
| <input type="checkbox"/> | LAKE WINNIPEG AT MONTREAL POINT | MB | 05RF001 | Yes | Continuous |
| <input type="checkbox"/> | LAKE WINNIPEG AT PINE DOCK | MB | 05SD001 | No | Continuous |

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Real-Time Hydrometric Data Graph for LAKE WINNIPEG AT MONTREAL POINT (05RF001)

[MB]

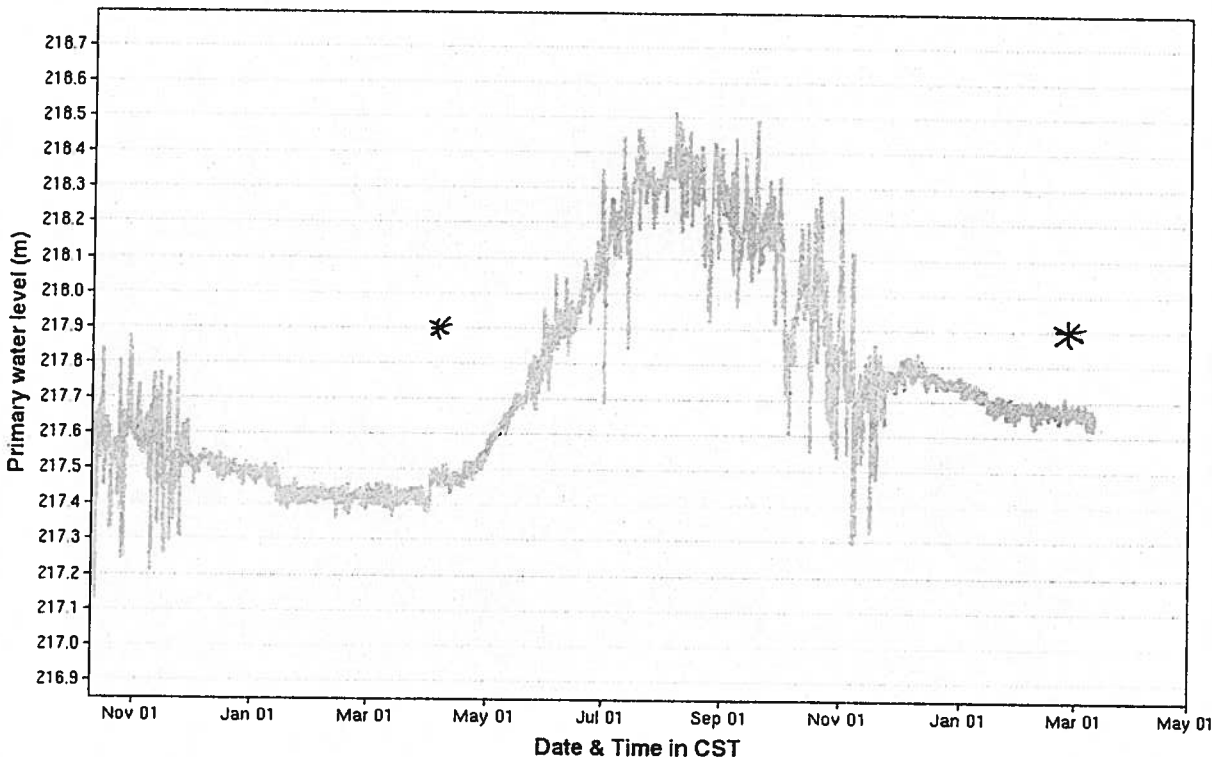
Graph | Table

Station: 05RF001

Data Type: Real-Time

Apply

Primary Water Level Approved (100% Quality Controlled) Primary Water Level Provisional (subject to change)



Apply Settings

Modify Settings

Date Parameters

Start Date: (YYYY-MM-DD) 2013-10-10

End Date: (YYYY-MM-DD) 2015-03-11

1) $715' = 217.93\text{ m}$

2) Oct + Nov = High Winds

Primary Y-Axis Parameters