



**Environment, Climate and Parks**

Water Science & Watershed Management Branch

Box 12, 200 Saulteaux Cres., Winnipeg, Manitoba, Canada R3J 3W3

T 204-945-0002 F 204-948-2357

www.manitoba.ca

Friday, August 5, 2022

Dr. Paul Julian

pauljulianphd@gmail.com

**WATER QUALITY DATA: Lake Winnipeg**

In accordance with your request, please find attached water quality data for the above mentioned water body. Although we have taken all reasonable measures to ensure that the enclosed data are correct and free of errors, it is recommended that you review these data carefully in the context of your intended application. Please note that concentrations preceded by an "L" were measured as less than the method detection limit.

Manitoba recommends that total phosphorus (TP) values from Lake Winnipeg, for the period between April 1, 2001 and March 31, 2009, be adjusted as per McCullough 2015 (attached). Raw, unadjusted TP values have been reported in your data request as have the adjusted TP (see yellow highlighted columns). The raw, unadjusted TP values were multiplied by a factor of 0.89. A detailed review of the rationale for this adjustment can be found in McCullough (2015). We do not recommend applying this adjustment to phosphorus data from other water bodies other than Lake Winnipeg.

We look forward to collaborative use of this data for ongoing generation of co-authored reports, technical manuscripts, presentations, or other documents. Please reference the data as follows:

Water Quality Management Section  
Manitoba Environment, Climate and Parks  
200 Saulteaux Crescent  
Winnipeg MB R3J 3W3

Please provide a draft copy of any report or manuscript arising from the use of these data to the undersigned. *Any requests for these data from a third party must be directed to the undersigned.*

Should you have any questions with regard to this information, or identify data that may be anomalous, please do not hesitate to contact our section at the above address, or by e-mail at [Matt.Morison@gov.mb.ca](mailto:Matt.Morison@gov.mb.ca).

Sincerely,

Matt Morison  
Senior Lake Winnipeg Specialist  
Manitoba Environment, Climate and Parks