

# Fritsch Land Surveying Inc.

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27-Jan-14.

Okanagan Masters Swim Club  
H2O Aquatic Centre  
4075 Gordon Drive  
Kelowna, B.C.  
V1W 5J2

Attention: Mr. Steve Gubeli

**RE: H2O Lane Measurements – Mission Aquatic Complex – Kelowna BC**  
**Our file: 13-081**

Further to email correspondence from November 18-2013, this letter is to verify that the attached drawing noted as the Mission Aquatic Complex – H2O Adventure & Fitness Centre Main Swimming Pool Lane Measurement Results for January 17-2014, illustrates the dimensions attained from the survey measurements taken at approximately 1:00 to 2:00 PM Pacific Standard Time on that date.

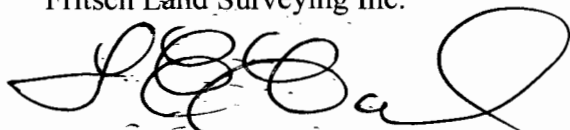
Each measurement was taken four consecutive times. The distance noted is based on averaging the four measurements, then rounding the resulting distance to the nearest centimeter. Of the four distances in each data set, the largest variance was not more than 3 millimeters.

The instrument used to complete the measurements was a Leica Disto™ classic5. Technical data indicates the measuring accuracy (2X standard deviation) is typically plus/minus 3mm with a maximum of plus/minus 5mm. The smallest unit displayed is 1 millimeter and the operational range is 0.5 meters to 200 meters.

The Disto measurements were compared prior and post to the swimming pool lane measurements against our total station surveying equipment the Leica 805L tolerances +/- 5 millimeters and +/- 5 parts per million and the Leica 1203+400 +/- 2 millimeters and 2 parts per million. The smallest variation was 2 millimeters when comparing four measurements for each instrument over the base line chosen.

I trust this is the information you require regarding the measurements attained on January 17<sup>th</sup>-2014. Should you have any questions or require any further technical data, please don't hesitate to contact myself at your earliest convenience.

Yours truly,  
Fritsch Land Surveying Inc.



Linden Fritsch BCLS, CLS, ALS (ret)  
H2O Measurements 2014.doc