





Road Running Technical Council  
USA Track & Field

recognized by



# Measurement Certificate

Name of the course GRANDMA'S Distance MARATHON

Location (state) MN (city) DULUTH

Type of course: road race  calibration  track  Configuration: P<sub>T</sub>/P<sub>T</sub>

Type of surface: paved 100 % dirt \_\_\_\_\_ % gravel \_\_\_\_\_ % grass \_\_\_\_\_ % track \_\_\_\_\_ %

Elevation (meters above sea level) Start 221 Finish 183 Highest \_\_\_\_\_ Lowest 183

Straight line distance between start & finish 39.45 km Drop .9 m/km Separation 935 %

Measured by (name, address, phone & e-mail) RICK RECKER / 19 S. 1<sup>ST</sup> ST. #2203 / MINNEAPOLIS, MN 55401  
612 375 0805 / RICK\_RECKER@HOTMAIL.COM

Race contact (name, address & phone) SCOTT KEENAN / Bx 16234 / DULUTH, MN 55816 / 218 727 0947

Measuring Methods: bicycle  steel tape  electronic distance meter

Number of measurements of entire course: Two Date(s) when course measured: 6.20/21.9

Race date: 6.19.10 Course certification effective date: 1.1.10

Replaces: \_\_\_\_\_ (if applicable) Certification code: MN.10002.RR

Notice to Race Director  
Use this Certification Code in *all* public  
announcements relating to your race.

## Be It Officially Noted That

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If *any* changes are made to the course, this certification becomes void, and the course must then be recertified.

*Validation of Course* — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a validation remeasurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

This certification expires on December 31 in the year 2020

AS NATIONALLY CERTIFIED BY:

Rick Recker

Date: 1.1.10

Rick Recker - USAIF Certifier  
19 S. 1st St. #2203, Minneapolis, MN 55401, rick\_recker@hotmail.com

MN 10002RR