



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course Garry Bjorkland Half Marathon Distance 21.0975 km
Location (state) MN (city) Duluth
Type of course: Road Race
Measuring Methods: Bicycle
Measured By Doug Thurston, P. O. Box 2922, Santa Fe, NM 87504, tallmtnbiker@yahoo.com, 916-802-7668
Race Contact Greg Haapala, P. O. Box 16234, Duluth, MN 55616, (218) 727-0947, greg@grandmasmarathon.com
Date(s) when course measured: 06/14/2024, 05/23/2022
Number of measurements of entire course: 2 Course Configuration: Point-to-point
Elevation (meters above sea level) Start 188.00 Finish 185.00 Lowest 183.00 Highest 213.00
Straight line distance between start and finish 18225m Drop 0.14 m/km Separation 86.38 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: June 19, 2024 Certification code: MN22006DT

Note 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.

Verification of Course --- In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement 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 of the year: **2032**

AS NATIONALLY CERTIFIED BY:

Date: June 23, 2024

Doug Thurston - USATF/RRTC Certifier - P. O. Box 2922, Santa Fe NM 87504
(916) 802-7668 - tallmtnbiker@yahoo.com

Garry Bjorkland Half Marathon 2024, 21.0975 km
Duluth, Minnesota, USA

Measured June 14, 2024 by Doug Thurston (mile 12 to finish) and May 23, 2022 by David Moore. Measurer contacts: Doug Thurston, tallmtrbiker@yahoo.com and Dave Moore, dave.moore@yahoo.com

