



Road Running Technical Council USA Track & Field Measurement Certificate



Name of the course William A Irvin 5km	_ Distance _	5km
Location (state) MN (city)	Duluth	
Type of course: road race Z calibration course track Measuring methods: bicycle Z steel tape electronic distance meter Measured by (name, address, phone & e-mail) Rick Recker - IAAF Measurer - 19		203 - Minneapolis
MN55401 - 612 375 0805 - rick_recker@hotmail.com		
Race contact (name, address, phone & e-mail) Grandma's Marathon - Bx 16234 - 0947 - grandmas@grandmasmarathon.com	Duluth,MN5	55816 - 218 727
Date(s) when course measured: Mar 25,2016		
Number of measurements of entire course: Two Course Configuration:	Loop)
Elevation (meters above sea level) Start 184 Finish 184 Highest		Lowest 184
Straight line distance between start & finish 45m Drop 0	m/km Sepa	aration
Type of surface: paved 98.64 % dirt % gravel 1.36 % grass _	% tr	rack%
Effective date of certification: May 12,2016 Certification co	ode: M	N16008RR
Notice to Race Director: Use this Certification Code in <i>all</i> public announcements relating to your race. **Be It Officially Noted That**		
Based on examination of data provided by the above named measurer, the coin the map attached is hereby certified as reasonably accurate in measureme dards adopted by the Road Running Technical Council. If <i>any</i> changes are matification becomes void, and the course must then be recertified.	ent according t	o the stan-
Verification of Course — In the event a National Open Record is set on this c of USA Track & Field, a verification remeasurement may be required to be pethe Road Running Technical Council. If such a remeasurement shows the copending records will be rejected and the course certification will be cancelled.	erformed by a sourse to be sho	member of
This certification expires on December 31 in the year	2026]
AS NATIONALLY CERTIFIED BY:		
Pick Recker - USATF/RRTC National Certifier Date:	Ma	y 12,2016

19 S 1st St #2203 - 612 375 0805 - rick_recker@hotmail.com