



**Road Running Technical Council
USA Track & Field
Measurement Certificate**



Name of the course By Hook or By Crook 12K (Verified) Distance 12 km
Location (state) NJ (city) Highlands
Type of course: Road Race
Measuring Methods: Bicycle
Measured By Jane Parks, janehp3@gmail.com, 973-349-0033
Race Contact Terry Mullane, 150 River Rd. Montville, NJ, 07045, managingdirector@newjersey.usatf.org, 973-334-8900
Date(s) when course measured: 09/04/2018, 09/15/2021
Number of measurements of entire course: 1 Course Configuration: Complex of Different Loops
Elevation (meters above sea level) Start 3.66 Finish 3.66 Lowest 0.00 Highest 7.32
Straight line distance between start and finish 0m Drop 0.00 m/km Separation 0.00 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: September 5, 2018 Certification code: NJ18017LMB

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: **2028**

AS NATIONALLY CERTIFIED BY:

Date: September 17, 2021

Jack Werbler - USATF/RRTC Certifier - 19 Amagansett Drive, Morganville NJ 07751
(908) 692-6686 - jwerb@optonline.net

By Hook Or By Crook 12k (Verified)
Gateway National Recreation Area
Highlands, New Jersey
Course Map (Not to Scale)

USATF Certificate # NJ18017LMB
Effective Dates: September 5, 2018 to
December 31, 2028

