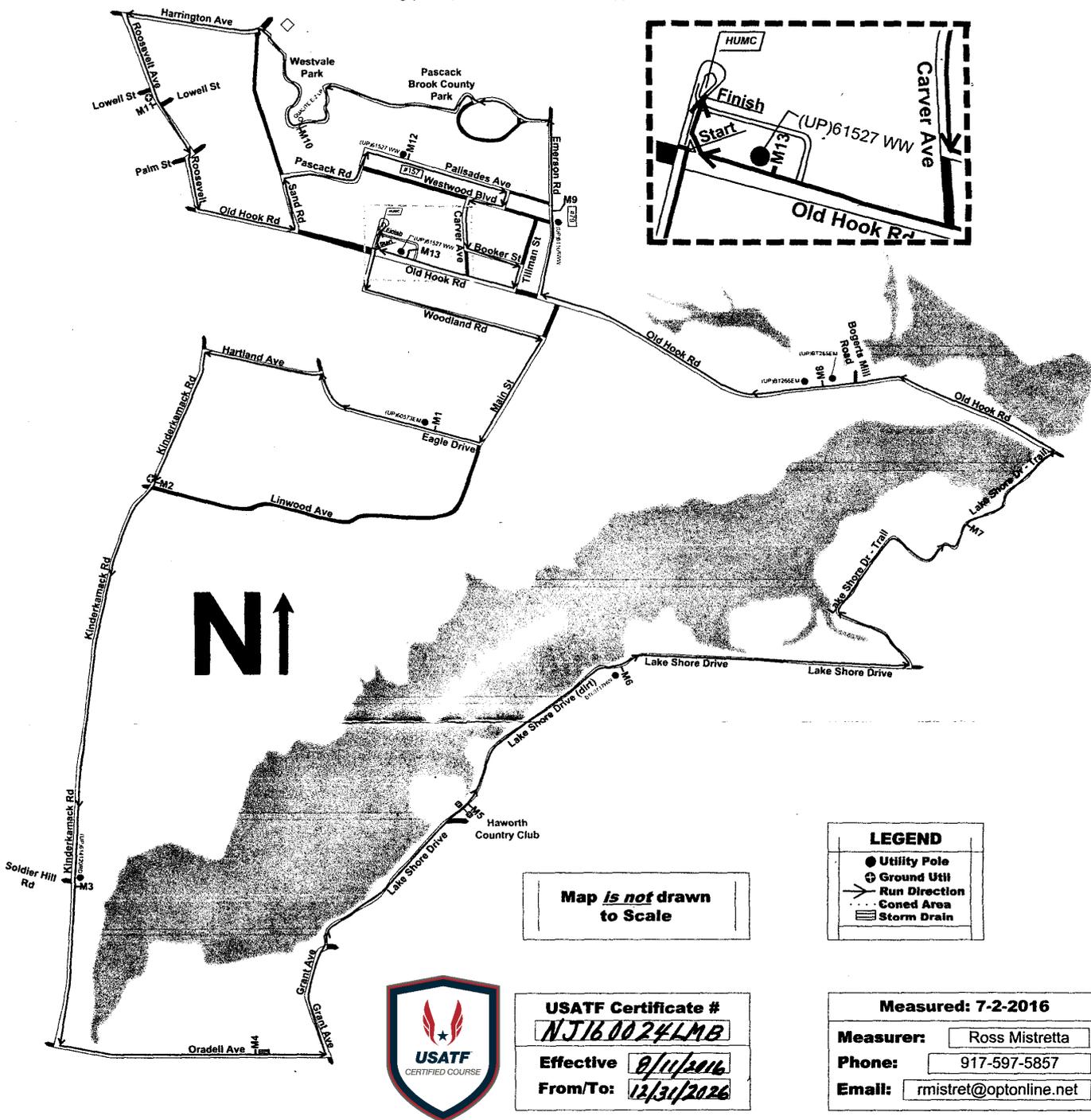


Run the Reservoir Half Marathon - 2016

Hackensack University Medical Center – Pascack Valley – Westwood, NJ

Start: At the entrance road to Hackensack UMC directly across from Charles St at the Southern edge of the Southernmost crosswalk's line **BEFORE** Old Hook Road.

Finish: Inside the main HUMC entrance from Old Hook Road (at stop light) at the start of the entrance lane just in front of the HUMC entrance doors (right side of island) 9ft 10in **BEFORE** the flag pole (center of entrance way) which resides on the Southern end of the island lane divider.





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

Measurement Certificate



Name of the course Run the Reservoir Half Marathon 2016 Distance 21.0975 km
 Location (state) New Jersey (city) Westwood
 Type of course: road race calibration course track
 Measuring methods: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Ross Mistretta, 96 Carol Place, Wayne, NJ 07470
973-706-8969, rmistret@optonline.com
 Race contact (name, address, phone & e-mail) Aidan Walsh 91 Norman Rd Ridgefield, NJ 07657
201-787-0642 aidan.racefaster.net
 Date(s) when course measured: 7/2/2016
 Number of measurements of entire course: 2 Course Configuration: Complex of Loops
 Elevation (meters above sea level) Start 15 m Finish 17m Highest 29 m Lowest 5 m
 Straight line distance between start & finish 79 m Drop - 0.09 m/km Separation 0.374 %
 Type of surface: paved 88 % dirt 12 % gravel _____ % grass _____ % track _____ %
 Effective date of certification: 8/11/2016 Certification code: NJ16024LMB

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.

Verification of Course — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a verification 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 **2026**

AS NATIONALLY CERTIFIED BY:

Larry M. Baldasarri
 _____ Date: 8/30/2016
 Larry M. Baldasarri, Sr. - USATF/RRTC Certifier
 3448 Nottingham Way Hamilton Square, NJ 08690 - 609-577-7314 - larsurfrun@gmail.com

*Run the Reservoir Half Marathon - 2016
Measured Points*

FOLLOWING MARKS ARE DESCRIBED RELATIVE TO THE RUNNING DIRECTION.

Start: At the entrance road to Hackensack UMC directly across from Charles St at the Southern edge of the Southernmost crosswalk's line **BEFORE** Old Hook Road.

Mile 1: On Eagle Dr **BEFORE** Pine Dr, 9ft 5in **BEFORE** Utility Pole (UP) 60573EM.

Mile 2: On Kinderkamack Rd **BEFORE** Utility Pole (UP) 20EM (numbers missing) on the Northwest corner of Linwood Ave, 2ft 2in **AFTER** the gas cover in road.

Mile 3: On Kinderkamack Rd **BEFORE** Soldier Hill Rd., 22ft 6in **AFTER** (UP) 614120RD on left.

Mile 4: On Oradell Ave, 8ft **BEFORE** the storm drain on the Northeastern corner of the intersection at 2nd St.

Mile 5: On Lake Shore Drive (paved section) just **AFTER** the Haworth Country Club entrance on the right, 17ft 4in **AFTER** the storm drains on either side of the Southern gate.

Mile 6: On Lake Shore Drive, (dirt section), just **BEFORE** the Northern gate, 35ft **AFTER** (UP) BT60717HW on the right adjacent the fitness park.

Mile 7: On United Water private road just **AFTER** the small clearing on the left by the water at the pine with the marked base on the right.

Mile 8: On Old Hook Rd facing West, 41ft. **AFTER** (UP) BT265EM and 104ft 8in **BEFORE** (UP) BT266EM which are the first two (2) Utility Poles just **AFTER** the Entering Emerson Bergen County sign.

Mile 9: On Emerson Road leading down towards the entrance of Pascack Brook County Park 45ft 8in **AFTER** UP 61168WW at house #79.

Mile 10: On the South end of the Westvale Park paved path 2ft 2in **AFTER** the 5th vertical pole (from the right end) in the free standing black metal rail/fence AND 55ft 9in **AFTER** the Qualite E-2 Field Lighting Pole

Mile 11: On Roosevelt Avenue facing South 24ft 6in **AFTER** the Fire Hydrant which is just South of the Lotus St Intersection

Mile 12: On Palisade Ave facing East 28ft 2in **AFTER** UP 61527 WW (**BEFORE** house #157's driveway) and 2ft 6in **BEFORE** the second wet wall drain at #157.

Mile 13: On Old Hook Road facing West, 13ft 1in **BEFORE** UP 1593 which is **AFTER** the HUMC Emergency Entranceway

Finish: Inside the main HUMC entrance from Old Hook Road (at stop light) at the start of the entrance lane just in front of the HUMC entrance doors (right side of island) 9ft 10in **BEFORE** the flag pole (center of entrance way) which resides on the Southern end of the island lane divider.

NJ16024LMB